

FIG. 1

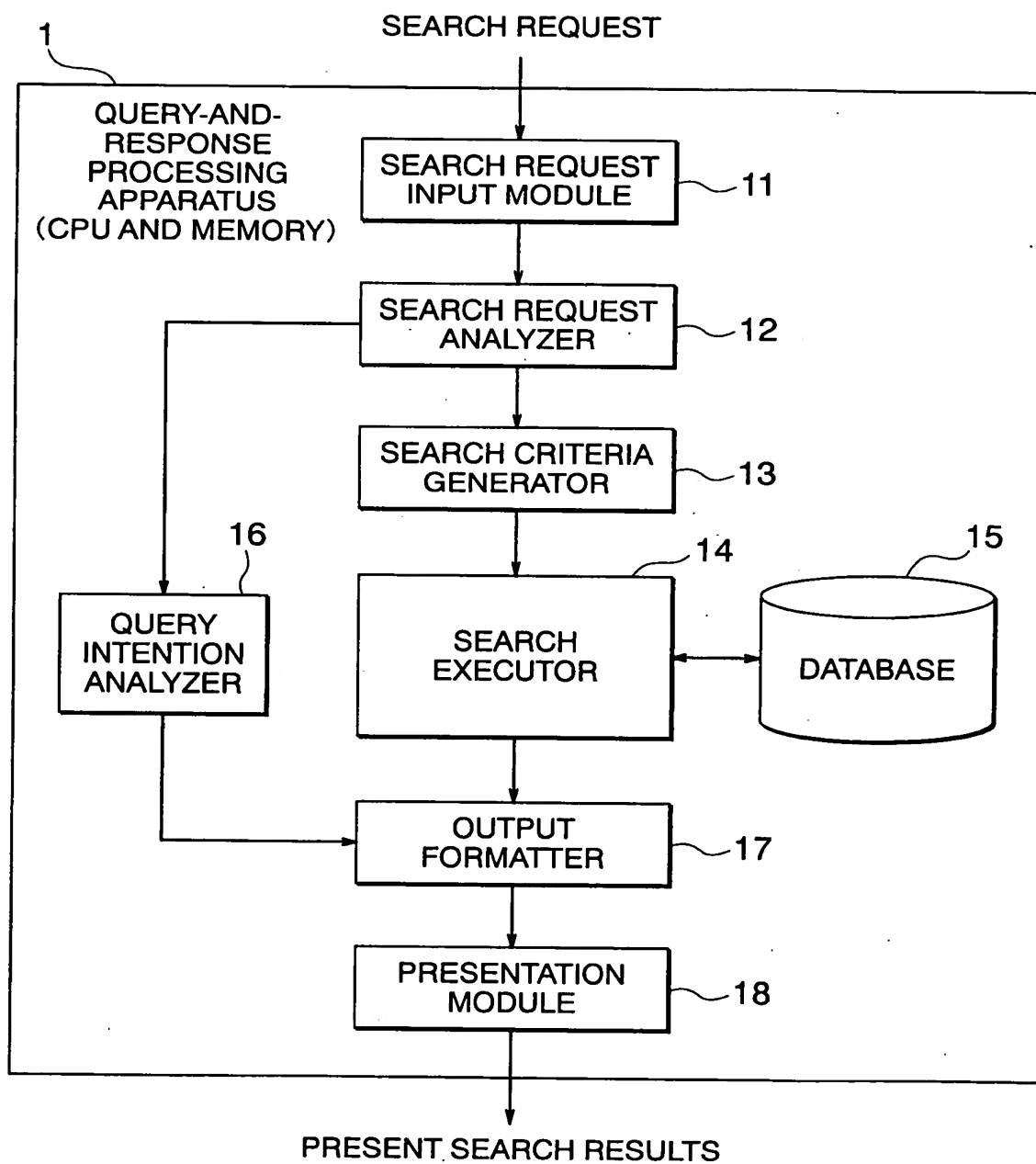


FIG. 2

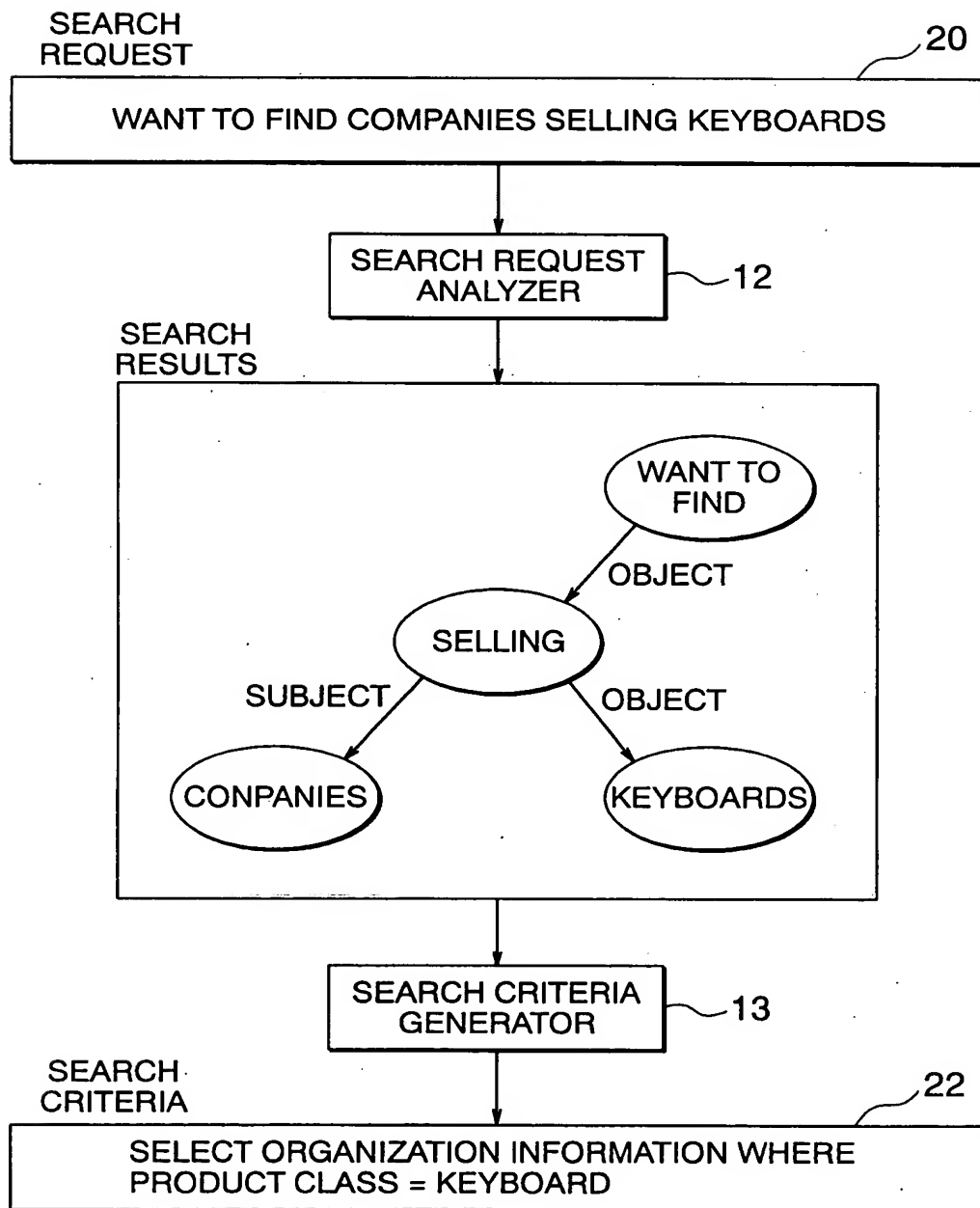
15

DATABASE

COMPANY INFORMATION			PRODUCT INFORMATION			OTHER INFORMATION	
COMPANY NAME	LOCATION	REPRESENTATIVE	PRODUCT CLASS	PRODUCT NAME	PRICE	EVENT TYPE	...
CAMPANY A	KAWASAKI	YAMAMOTO	KEYBOARD	XYZ	50,000	SALES	...
LABORATORY B	YOKOHAMA	YAMAZAKI	SOFTWARE	QRS	80,000	DEVELOPMENT	...
...

* : MAIN ITEM FLAG

FIG. 3



10023423-12301
T08221-22301

FIG. 4

ANALYSIS DICTIONARY

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WORD SPELLING	PART OF SPEECH	SEMANTIC INFORMATION
COMPANY	NOUN	ORGANIZATION
KEYBOARD	NOUN	PRODUCT CLASS = KEYBOARD
PROVIDE	VERB	EVENT = SALES
SELL	VERB	EVENT = SALES
		⋮

10028423 12301

FIG. 5

SEARCH CRITERIA GENERATOR

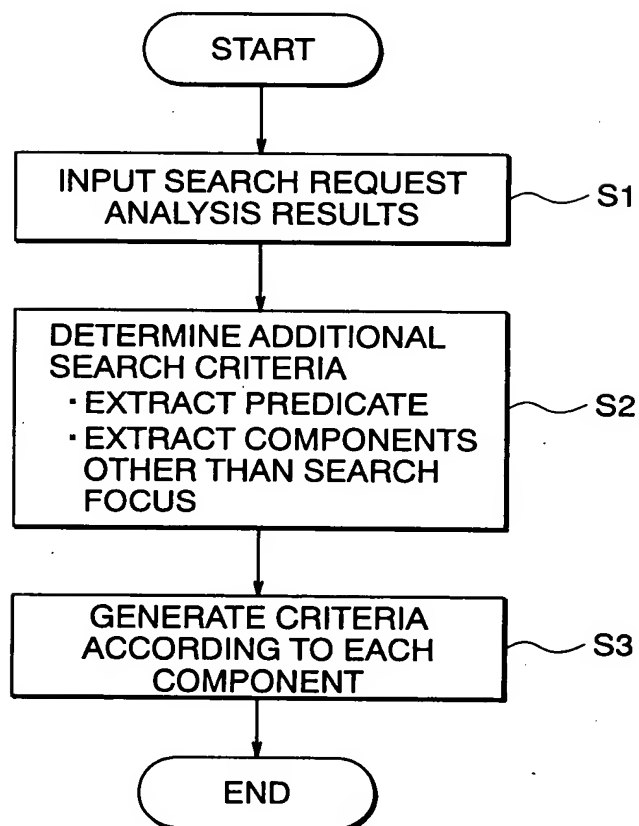
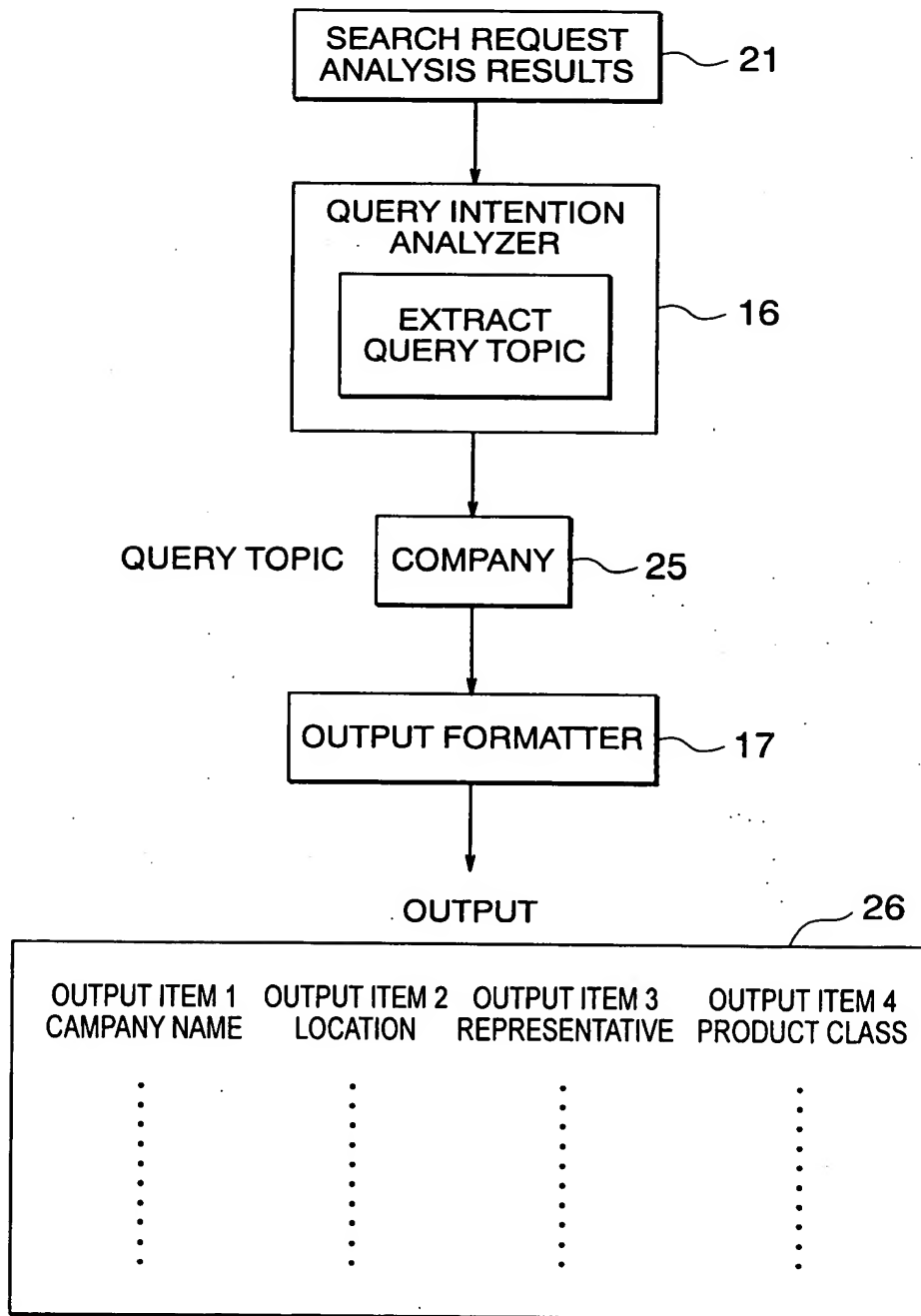


FIG. 6



10026423-123801

FIG. 7

QUERY INTENTION ANALYZER

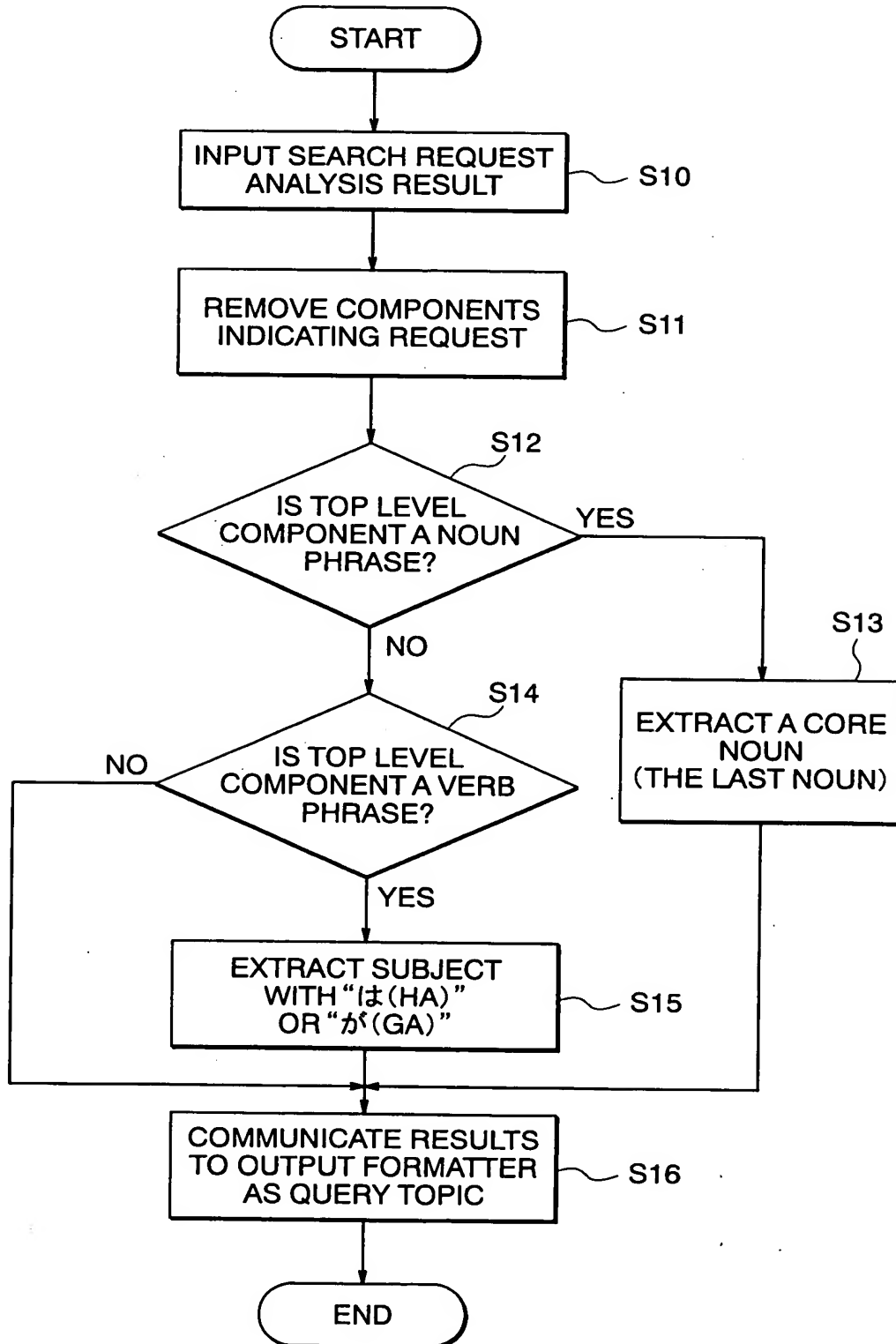
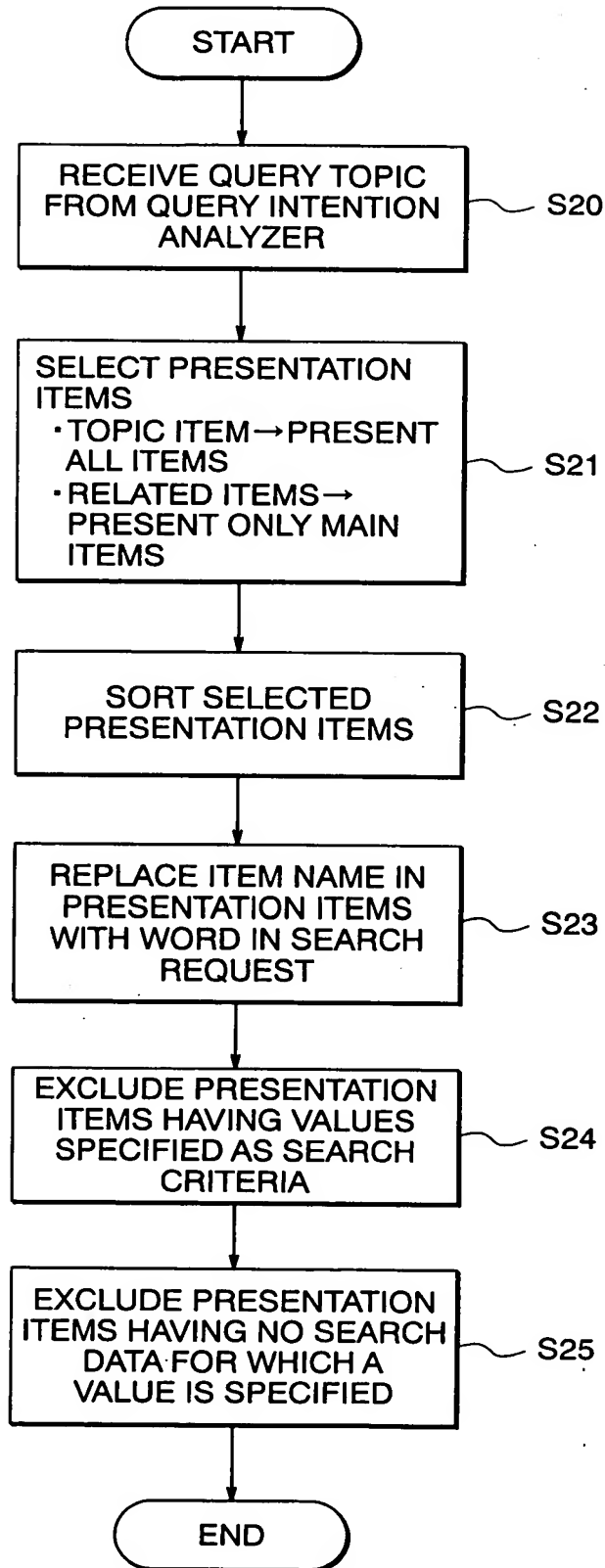


FIG. 8

OUTPUT FORMATTER



10028423 1 22804

FIG. 9

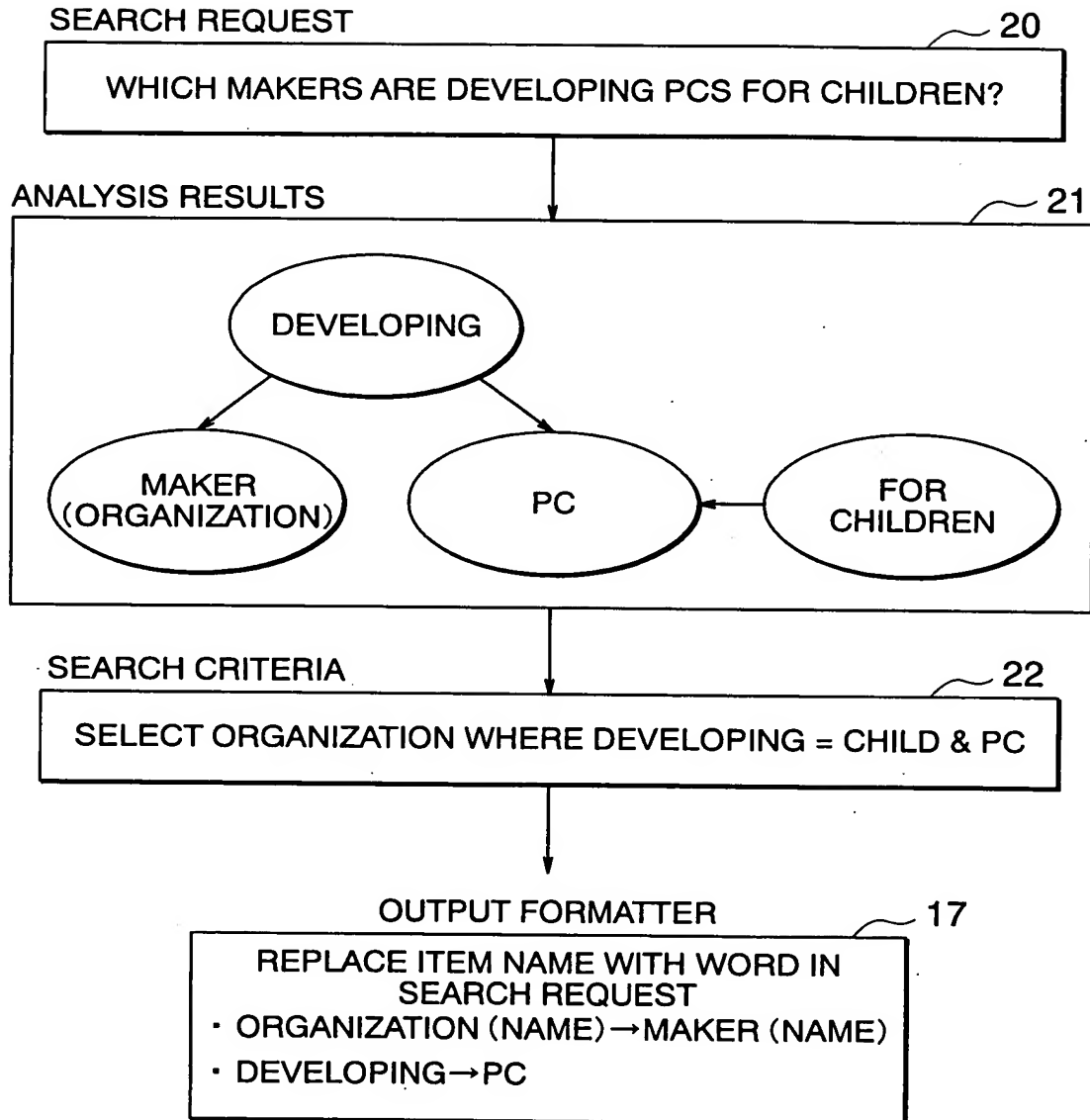


FIG. 10

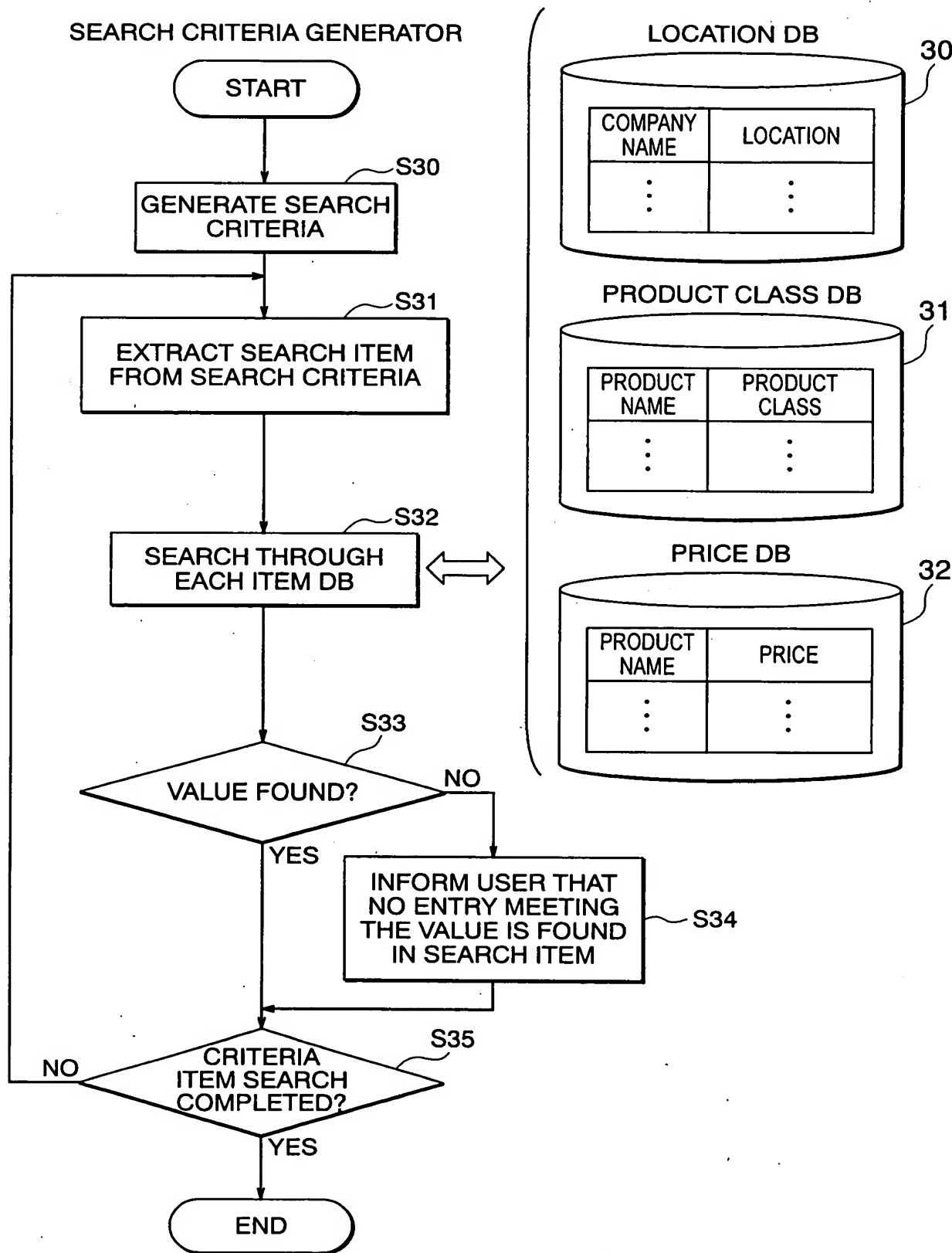
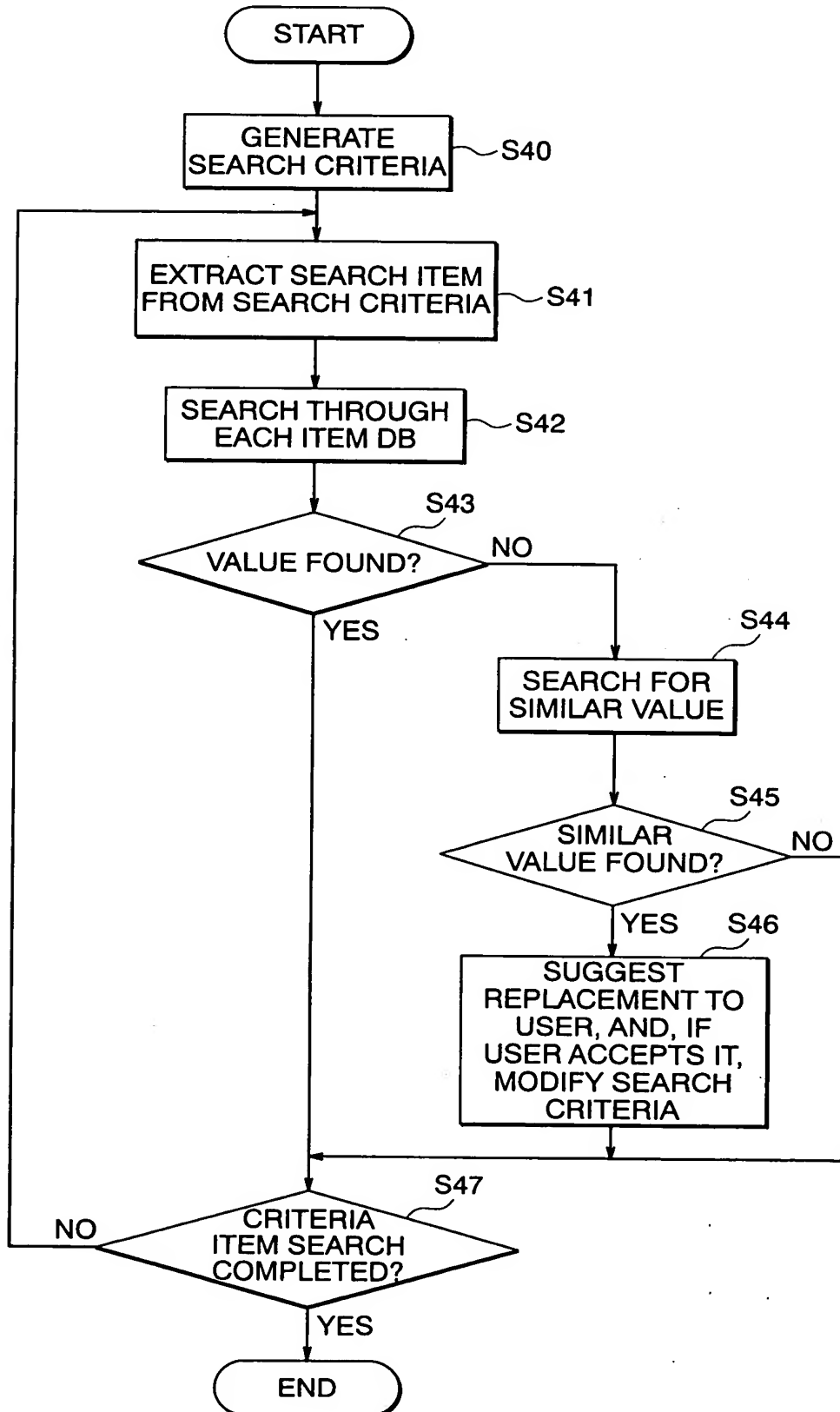


FIG. 11

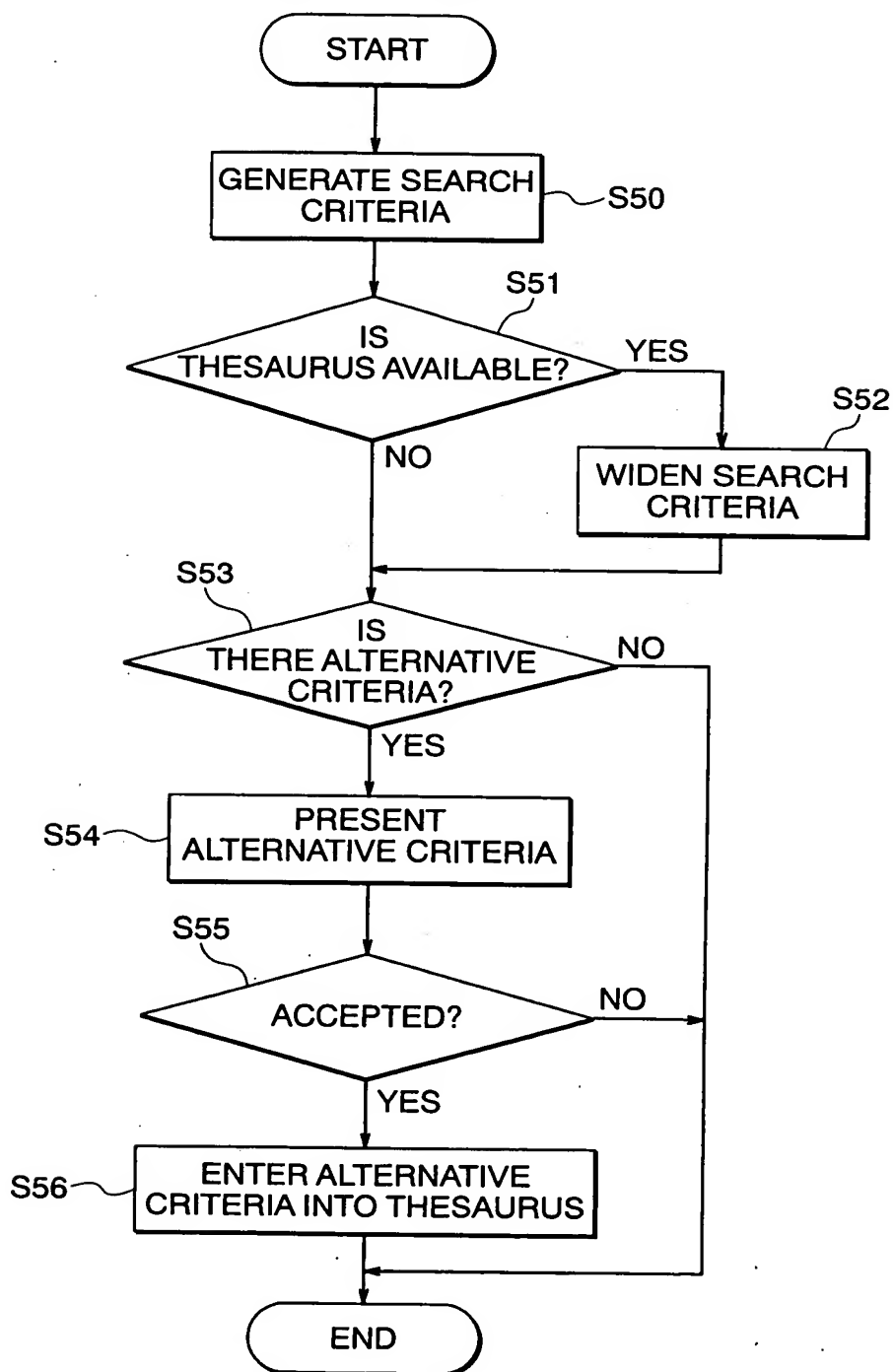
SEARCH CRITERIA GENERATOR



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FIG. 12

SEARCH CRITERIA GENERATOR



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FIG. 13A

WIDENING SEARCH CRITERIA

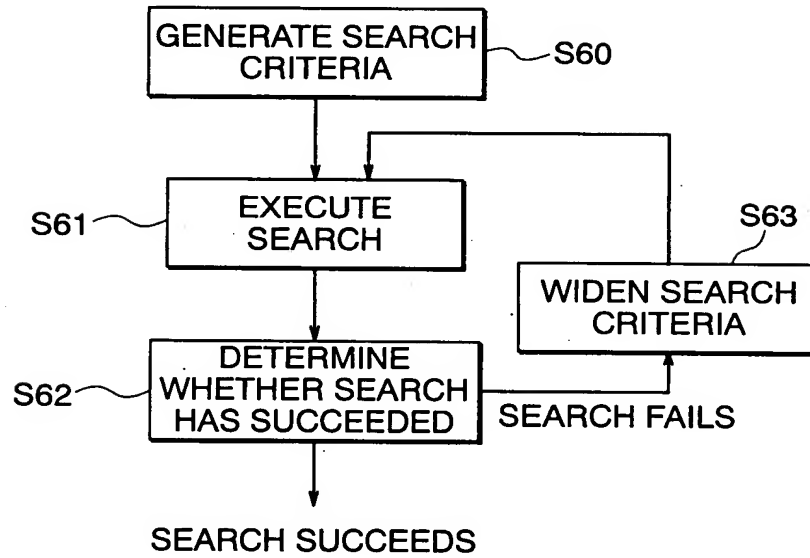


FIG. 13B

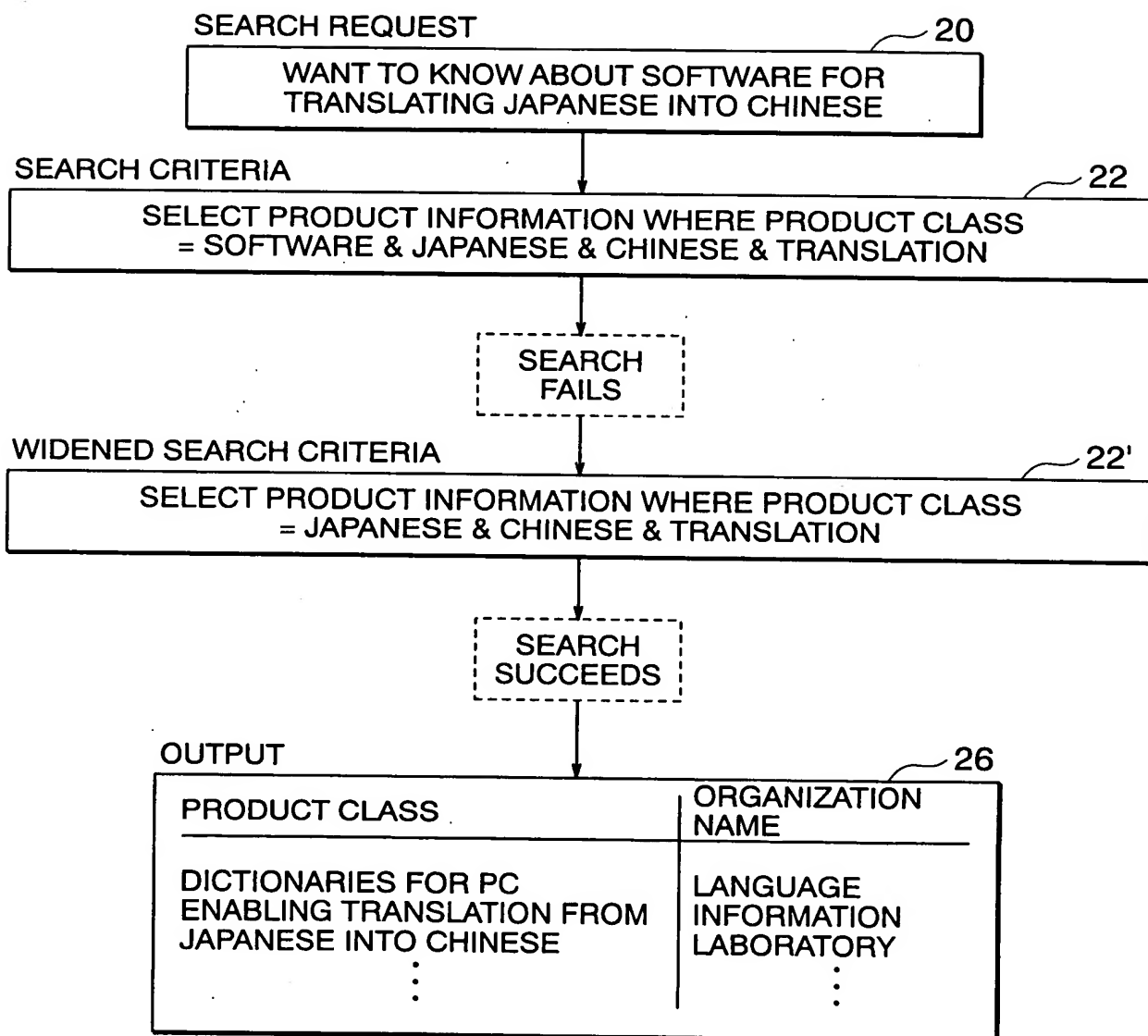


FIG. 14A

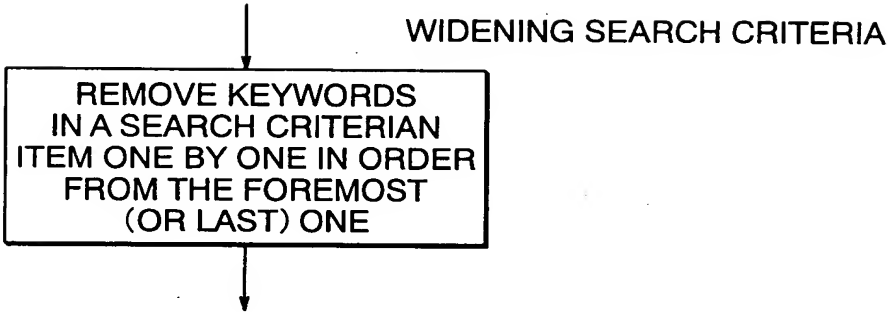


FIG. 14B

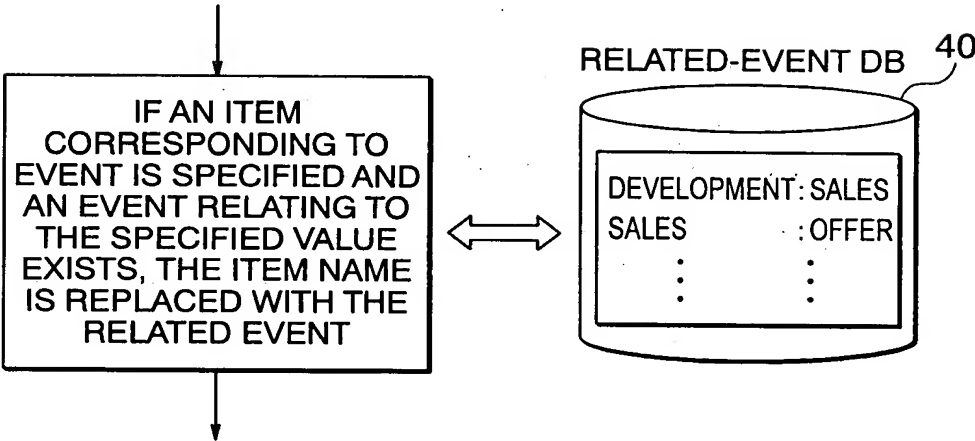


FIG. 14C

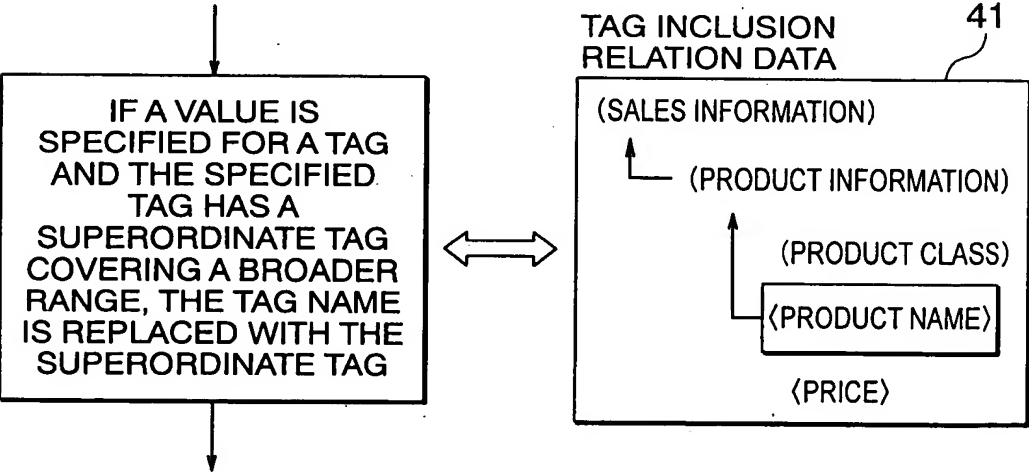
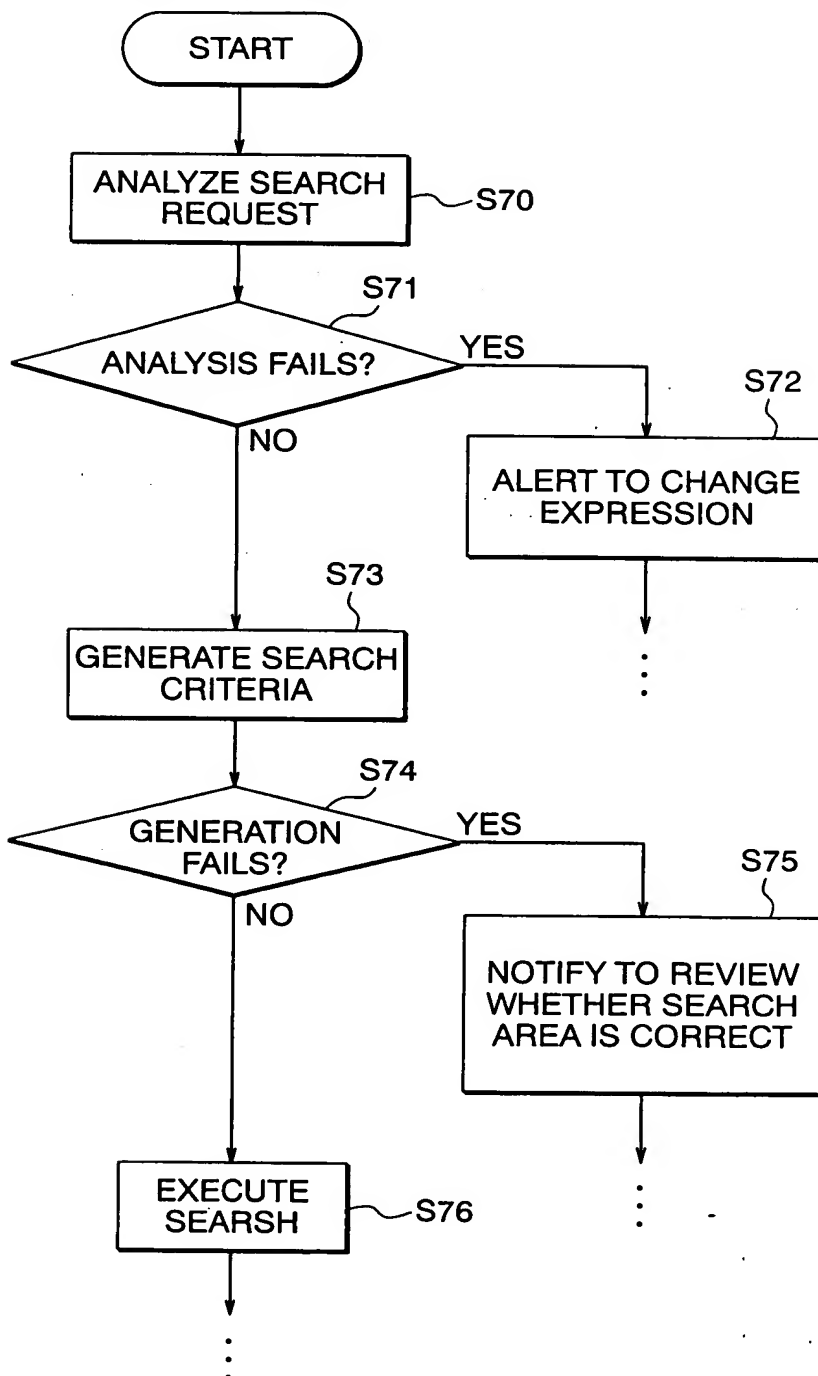


FIG. 15

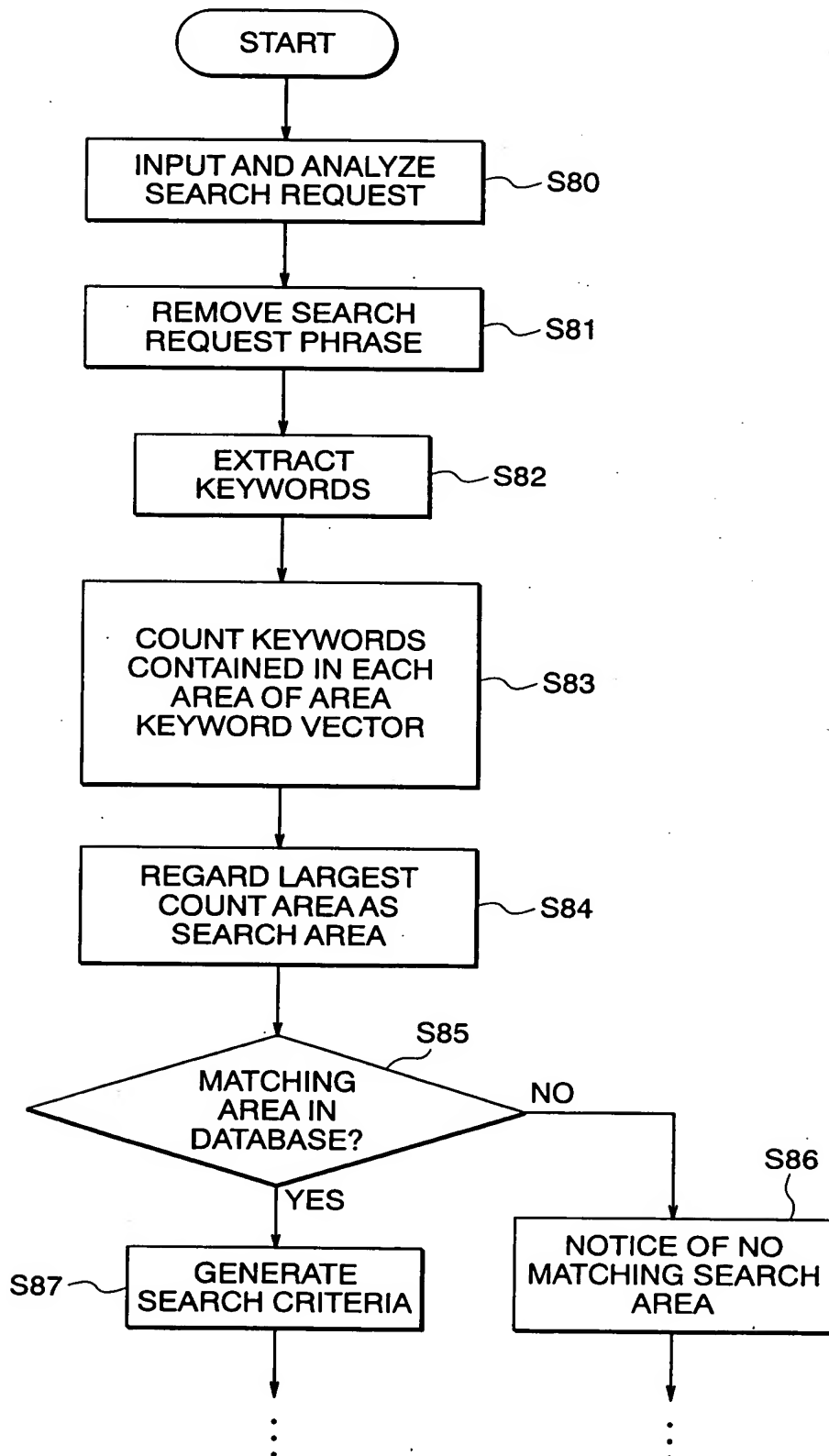
CONFIRMING SEARCH AREA



10028423.1 12301

FIG. 16

DETERMINING SEARCH AREA



10028423-122004

FIG. 17

SEARCH CRITERIA GENERATOR

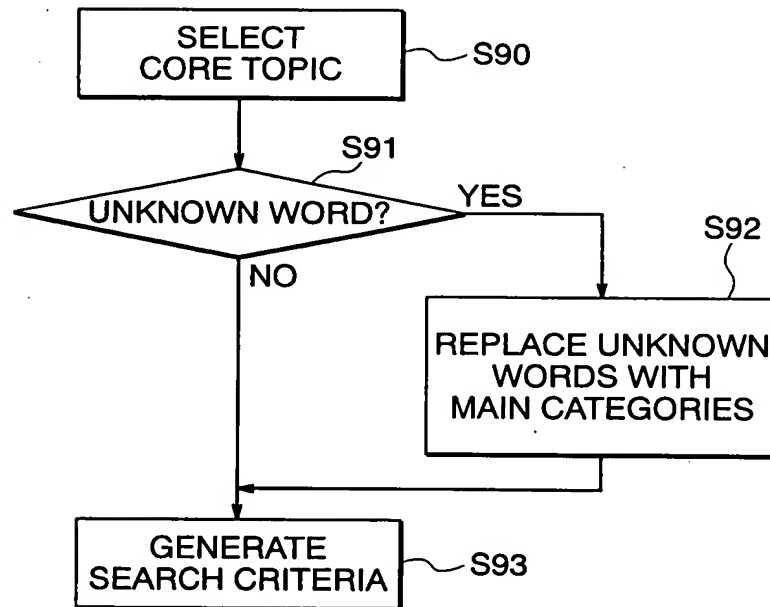


FIG. 18

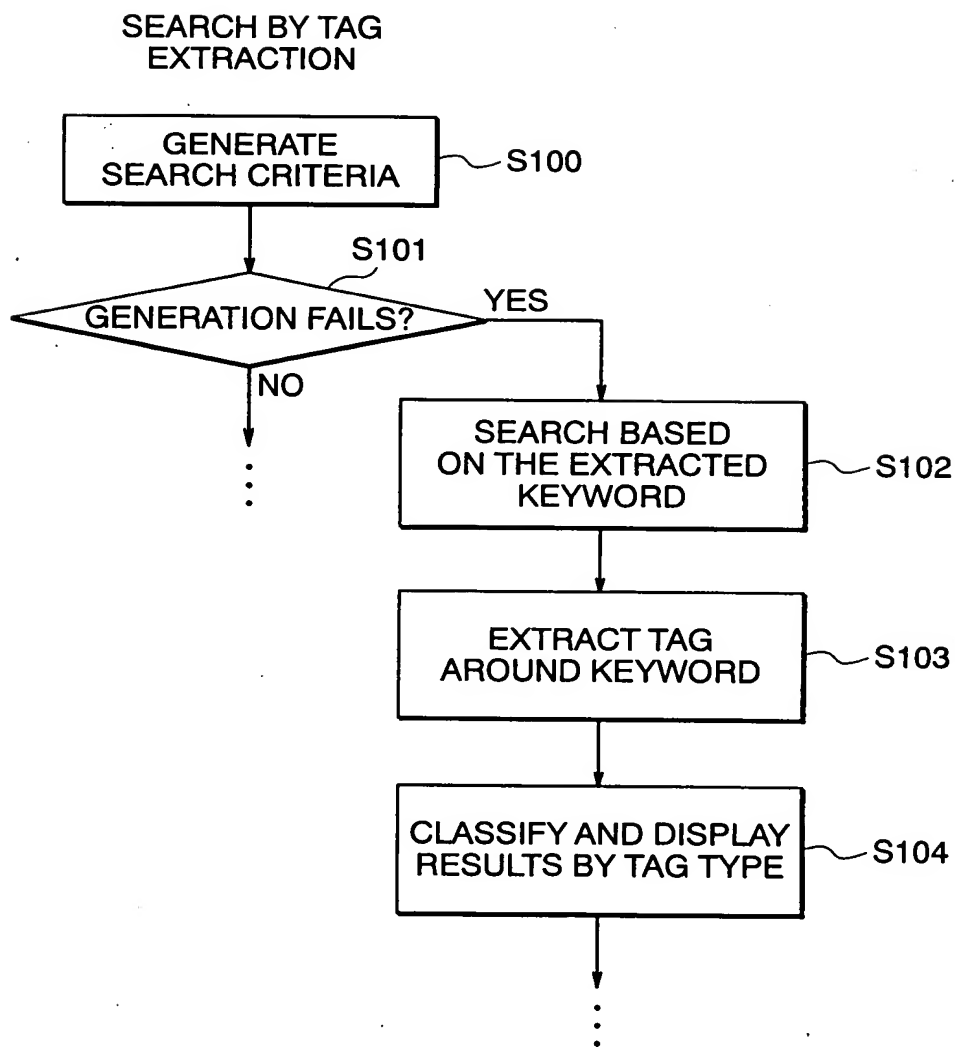


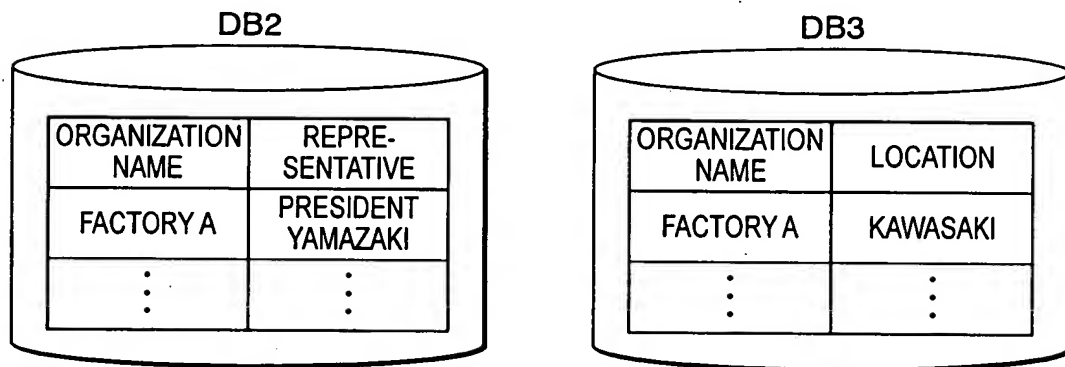
FIG. 19

PROCESS FOR COMPLEMENTING TEXT IN DATABASE

(A) CORRESPONDENCE TABLE BETWEEN TAGS AND SECONDARY DBS

TAG ITEM	A	B	REPRESENTATIVE	LOCATION
SECONDARY DB	NONE	DB1	DB2	DB3

(B)



(C) ESSENTIAL ITEM LIST

ORGANIZATION	ORGANIZATION NAME	LOCATION	REPRESENTATIVE
PRODUCT	PRODUCT CLASS	PRODUCT NAME	PRICE
⋮	⋮	⋮	⋮

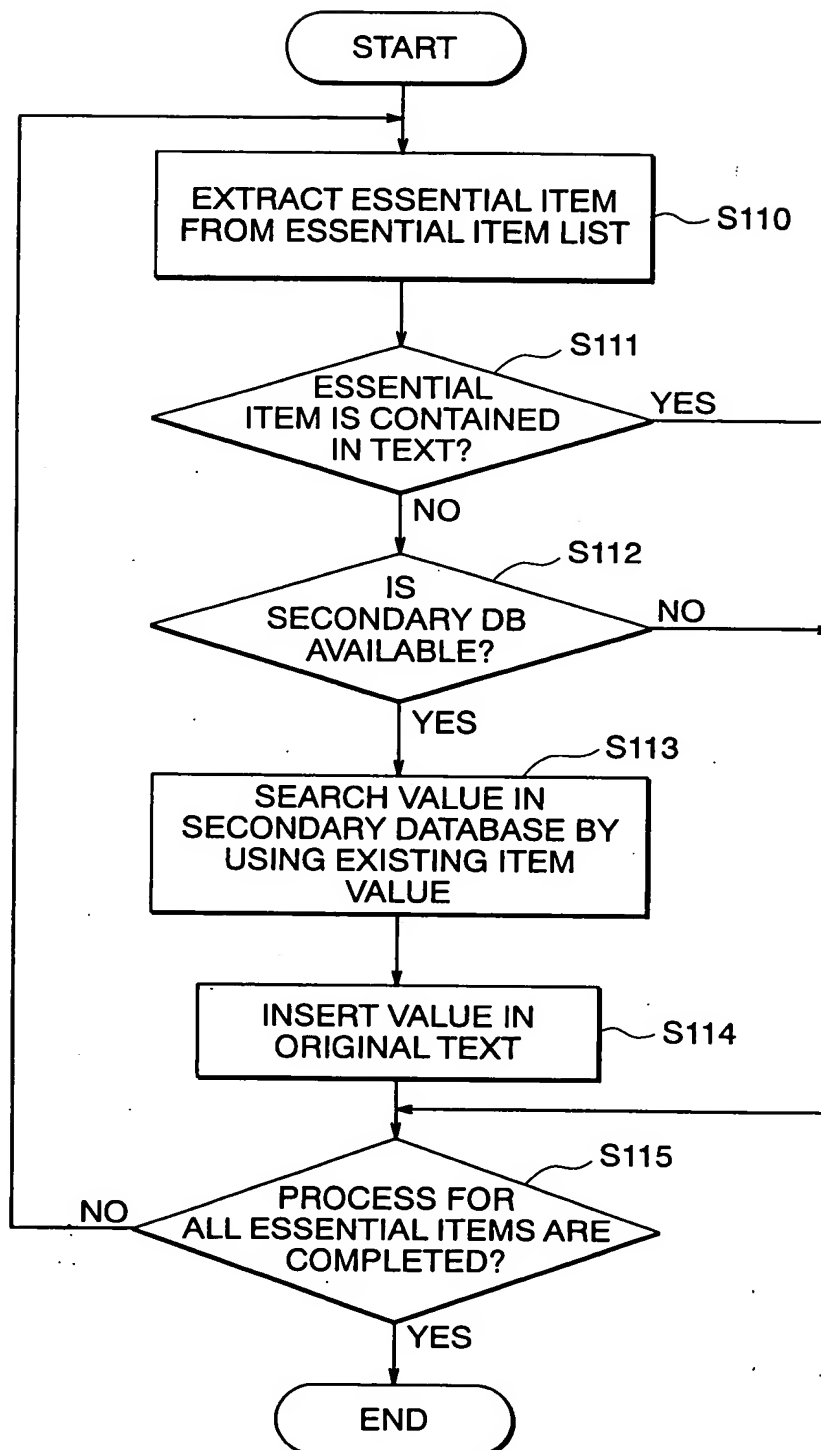
(D) TEXT

<ORGANIZATION NAME> FACTORY A </ORGANIZATION NAME>

(E) COMPLEMENT TEXT

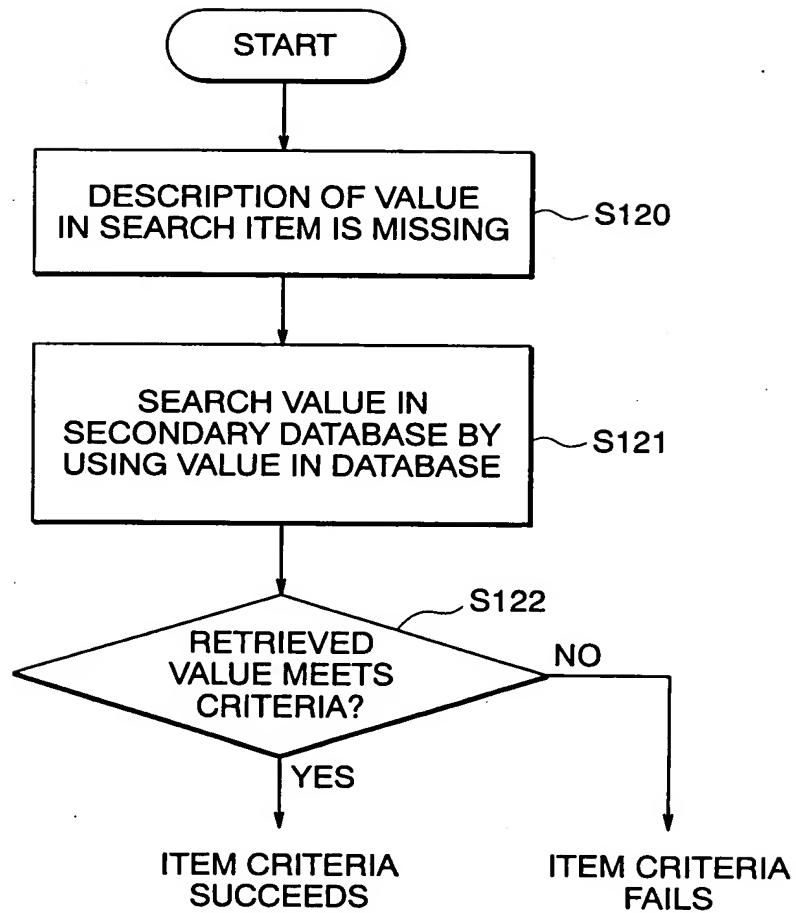
<ORGANIZATION NAME> FACTORY A </ORGANIZATION NAME>
 <REPRESENTATIVE> PRESIDENT YAMAZAKI
 </REPRESENTATIVE> <LOCATION> KAWASAKI </LOCATION>

FIG. 20



10028423-122001

FIG. 21



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